

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051850

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01J61/12 H01J61/26 H01J61/70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 362 565 B1 (KATASE KOICHI ET AL) 26 March 2002 (2002-03-26)	1-5,8,9
A	column 7, line 9 - column 8, line 23 column 5, line 47 - column 6, line 21 column 8, line 34 - line 39 column 9, line 32 - line 48	6,7
A	EP 0 762 476 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 12 March 1997 (1997-03-12) page 7, line 25 - line 27; table 1	1,10
A	EP 0 407 160 A (THORN EMI PLC; GE LIGHTING LIMITED) 9 January 1991 (1991-01-09) page 4, line 34	1,5,8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

4 March 2005

Date of mailing of the international search report

14/03/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 100 44 562 A1 (PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH) 21 March 2002 (2002-03-21) cited in the application column 2, paragraph 23 -----	1-10
A	EP 0 516 376 A (GENERAL ELECTRIC COMPANY) 2 December 1992 (1992-12-02) column 5, line 33 - column 6, line 17 -----	1-3
A	US 5 624 598 A (SHEPODD ET AL) 29 April 1997 (1997-04-29) column 2, line 7 - line 25 -----	1-3
A	US 3 737 709 A (HORNMAN J,NL ET AL) 5 June 1973 (1973-06-05) column 1, line 28 - line 33 -----	1,2

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Information on patent family members

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